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**Scientific and Technical
Intelligence Committee**

*Intelligence Priorities for the
Sciences and Technologies*

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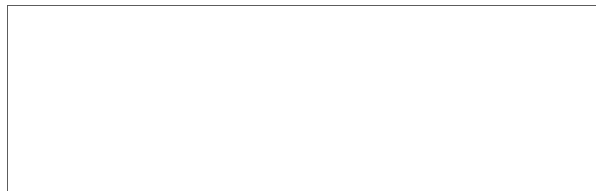
STIC 75-3
September 1975

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THE SCIENTIFIC AND TECHNICAL INTELLIGENCE COMMITTEE IS
COMPRISED OF REPRESENTATIVES OF:

The Central Intelligence Agency	The Treasury Department
The Defense Intelligence Agency	The Department of State
The National Security Agency	The Department of Army
Defense Advanced Research Projects Agency	The Department of Navy
Energy Research and Development Administration	The Department of Air Force
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PREFACE

The prime responsibility of the Scientific and Technical Intelligence Committee (STIC) of USIB is the coordination of intelligence community activity in a wide range of sciences and technologies. Specifically, the STIC is concerned with those life sciences, physical sciences, and technologies which could in the near or long term affect significantly the national security or national welfare of the United States. The STIC is involved with both collection and production activity. It seeks to stimulate and guide collection efforts on foreign sciences and technologies which could lead to a significant qualitative improvement in existing weapon systems or could lead to an entirely new system based on novel technical means. Similarly, the STIC seeks to stimulate and guide intelligence production within the intelligence community in the areas of its concern and itself produces a number of reports presenting community views on selected topics. In addition, the STIC is concerned with foreign advanced technologies which could lead to significant developments in the civil area where an economic advantage over the United States might be gained by a foreign country.

The STIC is not responsible for coordination of intelligence community activities in the economic, nuclear, or current weapon system arenas. Such activities are the responsibilities of other USIB committees. Because of some areas of overlap, certain STIC work is closely coordinated with these other committees.

The areas within the life sciences, physical sciences and technologies of STIC responsibility are large in number and far beyond any hope of adequate intelligence community coverage. Thus, one of the initial and major undertakings of the STIC was to address the problem of determining those areas of most significance for *national* intelligence. This activity takes cognizance of, and relates to, the DCI's Perspectives for Intelligence 1975-1980, his Substantive Objectives for the Intelligence Community, DCID 1/2—US Intelligence Objectives and Priorities, and the Key Intelligence Question (KIQ) system. The result of the STIC work is presented in the form of a display which presents the areas and subareas of greatest significance in three priority groupings. The STIC recognizes that not *every* aspect of a Priority I item is of highest priority, and similarly some aspects of Priority II and III items may be of higher priority than their overall grouping. The purpose of the display is to bring into focus those areas of national intelligence which generally should be considered by management in its apportionment of resources for both collection and production.

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The criteria adopted by the STIC in evolving this display included the following:

- issues must transcend individual organizational interests—they must be national in character;
- the majority of the participating STIC members must be in agreement that the technical issue selected represents national interests;
- ordering of the issues in one of three groups reflects the current degree of importance ascribed to the issue.

A number of items judged to be of great importance by individual departments or agencies were excluded. It remains the prerogative of each agency or department to identify and apply resources to items important to its own mission but which would not in the opinion of the STIC qualify as items of national interest.

This display is dynamic and will change with time; thus, items in Group III may be slighted only at the peril of being unable to answer questions regarding them if they should in the near future come to the fore in Groups I or II. In fact a large number of additional areas could be listed as "Group IV" and some resources are and should be devoted to them. This display will be updated at least annually.

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The STIC approved this display on 7 August 1975 and solicits comments on its content and format through its Executive Secretary, 6F35, CIA Headquarters Building, . Additional copies may be obtained through the secretariat.



Chairman
Scientific and Technical Intelligence Committee

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SCIENTIFIC AND TECHNICAL INTELLIGENCE COMMITTEE
INTELLIGENCE PRIORITIES STRUCTURE FOR
THE SCIENCES AND TECHNOLOGIES

Priority I

ASW Technology
Command, Control and Communications
Energy Technology
Guidance and Control Technology
S&T Strategies and Policies
Unconventional Technology and Future
Weapons Systems

Priority II

Computers and Computer Sciences
Electronics
Food and Population
Industrial Production Technology
Life Sciences
Materials and Structures
Propulsion
Sensor Technology
Transportation

Priority III

Earth Sciences
Geodesy and Gravimetry
Physical and Engineering Sciences
R&D Resources and Management
Space Sciences

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